

TITLE

A METHOD FOR PRODUCING PARA-HYDROXYSTYRENE AND
OTHER MULTIFUNCTIONAL AROMATIC COMPOUNDS USING
TWO-PHASE EXTRACTIVE FERMENTATION

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ABSTRACT OF DISCLOSURE

Methods are provided for the production and recovery of
multifunctional aromatic compounds from a fermentation medium.

Preferred multifunctional aromatic compounds include para-
hydroxycinnamic acid (pHCA), cinnamic acid (CA), and para-

10 hydroxystyrene (pHS). The multifunctional aromatic compounds may be
produced in a biphasic growth medium comprising a fermentation medium
having a specified volume of an extractant. The multifunctional aromatic
compounds are extracted into the extractant and recovered by standard
means.

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SNF/dmm